

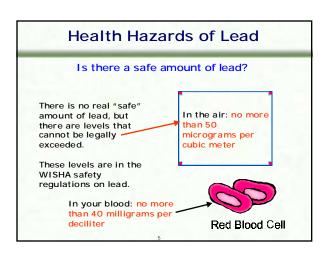
### General Health Effects Lead is really bad for your health if it gets in your body. Here's what it can cause: headaches, tiredness and insomnia Loss of appetite and stomach pain Pain, weakness or twitching in your muscles Reduced sex drive and birth defects Kidney damage

Permanent brain and nerve

damage

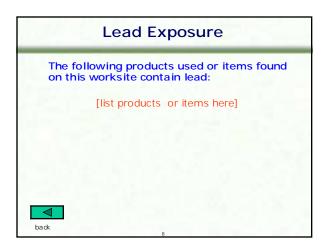
# Health Hazards of Lead Effects on Reproduction Lead is especially harmful to the fetus in a pregnant woman. Lead is also harmful to men or women trying to have kids.

### Health Hazards of Lead Effects of Lead on Children Children are very susceptible to effects of lead. The amount that can harm them is much less than adults. It is important not to take any lead dust home on your clothing.









## Lead Exposure You may be exposed to lead at this jobsite in the following activities or locations: [Describe or list specific jobs or activities where employees are or may be exposed to lead at your worksite here.]

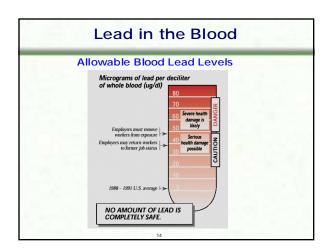


### Respirators Type of Respirators for Lead In many construction jobs involving lead, you must wear a respirator. The type of respirator worn depends on the amount of lead in the air. You will be provided with the following type of respirator: [List or describe respirators used here]

### Respirators Using Respirators Respirators must be worn at all times when the amount of lead in the air is above the legal limit. Respirators must fit properly to prevent leaks. You must have a respirator medical evaluation before you wear a respirator.

### Respirators Respirators Must Fit Properly You must have a respirator fittest before you wear a respirator. You can't have a beard when you wear a tight-fitting respirator. We will train you on how to use your respirator.

### What medical monitoring is needed? Anyone who is exposed to lead above the "action level" must be provided blood tests. If the amount of lead in your blood is more than 40, we will send you for a medical exam. Blood tests will be routinely done if you are exposed to lead for 30 or more days per year.



### **Training Break**

This blank slide can be used for a training break or to divide the training into two shorter sessions.

### **Medical Removal**

### Medical Removal for Lead Exposure

If the amount of lead your blood is above 50, you will be temporarily removed from the lead job.

You can't return to that job until your blood level drops below 40.

Your blood must be tested monthly until the lead level drops below 40.



### Medical Removal

### Why is medical removal required?

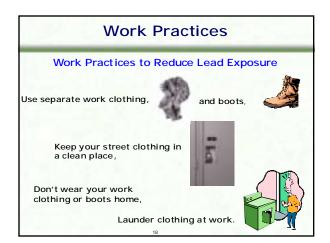
Medical removal is required is because of the serious health effects of lead.

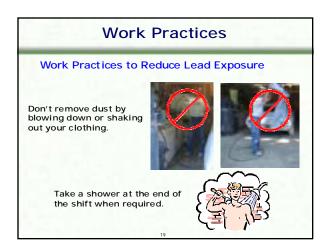
Your body will gradually rid itself of lead over time.

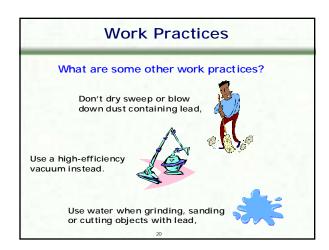
You do not lose any earnings, seniority or benefits and you can return to former job status.

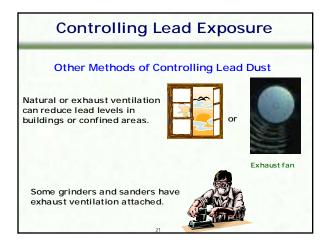


### Work Practices Work Practices to Reduce Lead Exposure There are several ways you can reduce your lead exposure: Always wear your respirator, Don't eat, drink or smoke in the area where there is lead, When you take a break, wash your hands before eating, drinking or smoking.









Controlling Lead Exposure					
What else we do to reduce your lead exposure					
List other practices here.					
back 22					

### Lead Chelation

### What is lead chelation?

"Chelation" is the taking of certain drugs that help rid the body of lead.

It is a form of treatment for high lead levels in the body.

It is not allowed on a routine basis.

Only a doctor can authorize and supervise lead chelation.





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### **Records**

### Medical and Air Sampling Records

You have the right to see any of your medical records related to lead.



You also have the right to see results of air sampling for lead.



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### **Lead Regulations**

### WISHA Lead Regulations for Construction

WISHA lead regulations for construction is found in the construction safety standards.

It contains much more information in detail.

A copy of this standard is available if you are interested.



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### Lead in Construction The next slides are optional quiz questions. Lead in Construction Quiz Question 1 How can you get lead in your body? a) By breathing lead dust b) Being in a building with lead paint Getting lead dust on your hands and then eating d) None of the above Lead in Construction - Quiz Question 2 Why can't you wear work clothing home when you work around lead? a) They are dirty and smelly. b) The dust you bring home can make your kids sick. c) You can wear your work clothes home if you blow them off first. d) Your boss will get mad at you.

### Lead in Construction - Quiz

### Question 3

### Why must you be clean-shaven to wear a respirator?

- a) The respirator will slide off a beard.
- b) We want a clean-cut look in this company.
- c) The respirator will leak even with short stubble.
- Beards interfere with breathing through a respirator.

### Lead in Construction - Quiz

### Question 4

### What is the allowable amount of lead in your blood?

- a) no lead at all
- b) up to 20 milligrams per deciliter
- c) up to 40 milligrams per deciliter
- d) lead is not found in blood.

### Lead in Construction - Quiz

### Question 5

### Which of the following is <u>not</u> a good work practice to control lead exposure?

- a) Blowing dust off your clothing at the end of the day.
- b) Using water on a grinder
- c) Using an exhaust fan to suck away lead dust.
- d) Taking a shower at the end of the workshift.

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